



U.S. Army Corps
of Engineers



Site Migration Procedures

COE/Exchange Sites to USACE DMS Portland OR

Release Date: 8/4/99

USACE DMS LCC
Portland, Oregon

SCOPE:

The enclosed information outlines, in sequenced format, the process steps necessary to migrate an COE/Exchange sites X400 and Directory Replication connections from **USACE MCX Portland OR** to **USACE DMS Portland OR**.

IMPORTANT INSTALLATION NOTES:

1. All steps are order specific, please follow these instructions in the order they are presented.
2. If you have a "SHARED" public folders, record all the sites, folder names and their paths.
3. If you have a "SHARED" Distribution List, export all of them out.
4. Confirm that the message queues (MTA) are empty and all users are logged off the server.

Table of Content

Section 1 Removing X400 and Directory Replication Connectors

- 1.1 Removing the Directory Replication Connector**
- 1.2 Removing the Site X400 Connector**
- 1.3 Running Knowledge Consistency Check (KCC)**
- 1.4 Re-Calculating Routing**

Section 2 Intra-Site Replication

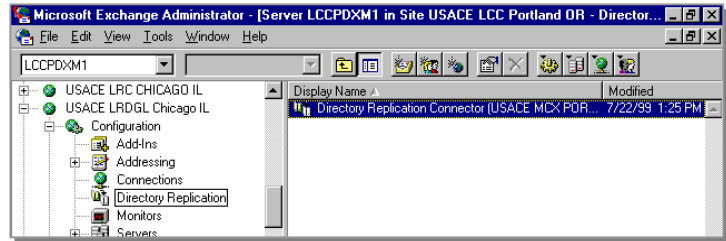
Section 3 Re-Establishing X400 and Directory Replication Connectors

- 3.1 Installing X400 Connector**
- 3.2 Installing the Directory Replication Connector**
- 3.3 Initiating the Inter-Site Directory Replication Process**

SECTION 1 Removing the local site Bridgehead Server's X400 Connection to USACE MCX Portland OR (MCXMAIL01, MCXMAIL03 or MCXMAIL04)

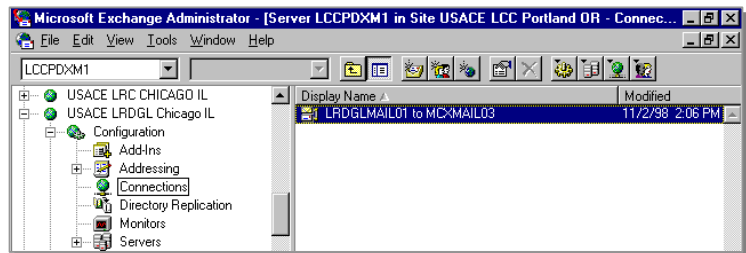
1.1 Removing the Directory Replication Connector

1. Launch the **Exchange Administrator** program.
2. Connector to your local Bridgehead Server.
3. Expand your **Site | Configuration | Directory Replication** container.
4. Select/Delete the Directory Replication Connector to USACE MCX Portland OR.



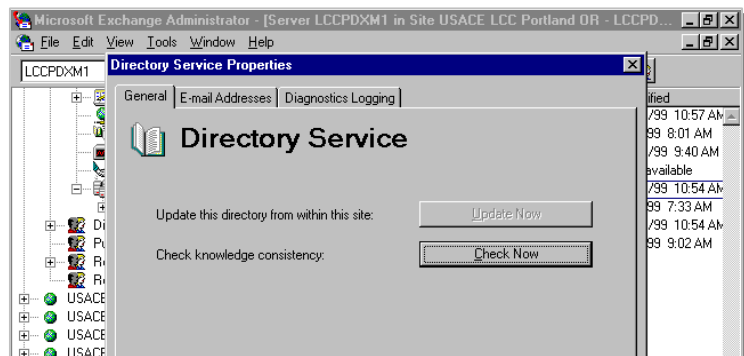
1.2 Removing the Site X400 Connector

1. Select and delete the X400 Connector linking your sites bridgehead server to one of the MCX gateway servers (MCXMAIL01, MCXMAIL03 or MCXMAIL04) in USACE MCX Portland OR. This connector is located in your sites **Configuration | Connections** container.



1.3 Run Knowledge Consistency Check (KCC)

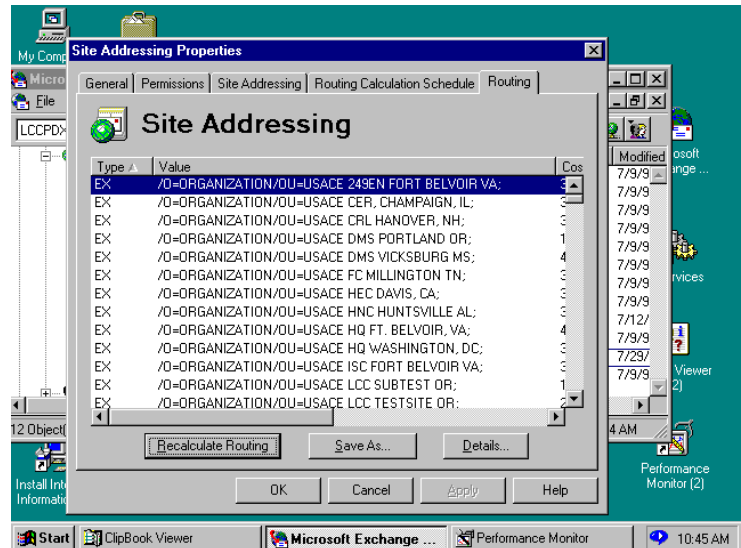
1. Select **Configuration | Servers | <Bridgehead Server> | Directory Service | General Tab** select the **Check Now** button.
2. Refreshing your Exchange Administrator program by **pressing F5** then review the content of you GAL. All Remote Sites Objects, or those not directly



associated with
your local site, should no longer appear in your Global Address List (GAL).

1.4 Re-Calculate Routing

When all remote sites objects no longer appear in the GAL go to **Configuration | Site Addressing | Routing Tab** and select the **Re-Calculate Routing** button.

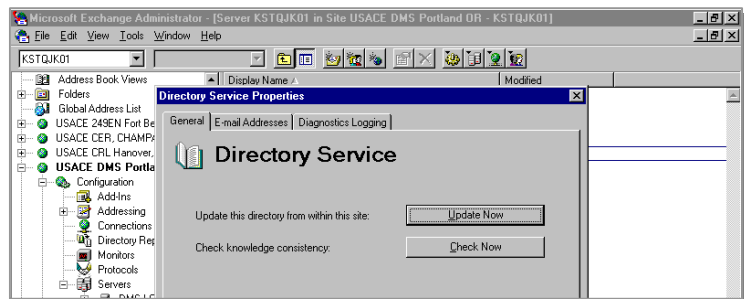


SECTION 2 Intra-Site Replication: Sites with more than one Exchange Server (Bridgehead plus Member Server(s)) need to adhere to the following Intra-Site Replication procedures

2.1 Update Directory

1. Connect to a Member Server (**File | Connect to server....**)
2. Expand the **Configuration | Servers | <Connected Server> | Directory Service | General Tab** select **"Update Now"** button.

Warning: Click on
"Update Now" button
ONLY.



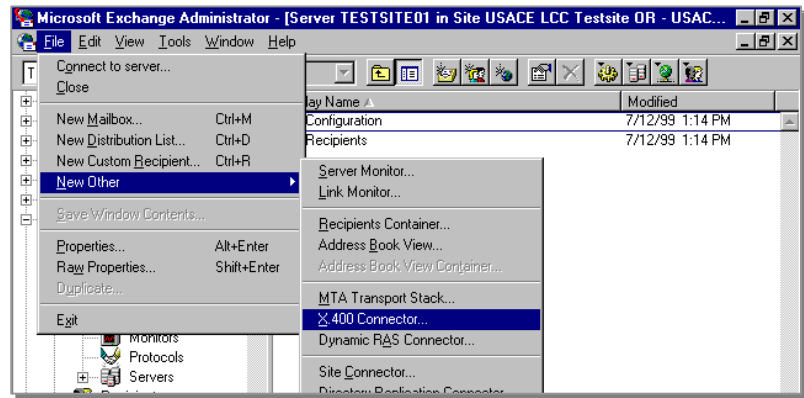
3. Select the GAL container in Exchange Administrator and hit F5 to refresh.

SECTION 3 Re-Establishing an X400 and Directory Replication Connectors between your local sites Bridgehead Server and USACE DMS Portland.

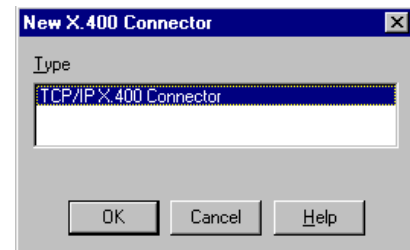
3.1 Installing the X400 Connector

1. Launch the **Exchange Administrator** program and connect to your Bridgehead Server.
2. Expand your **Site | Configuration | Connections** container.

3. Create a new connector by going to **File | New Other | X.400 Connector...**



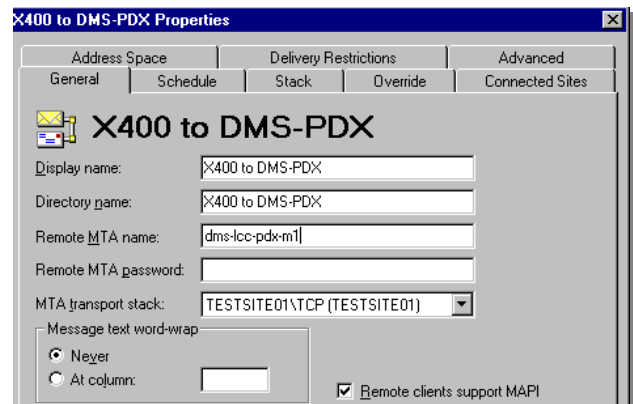
4. Select the **TCP/IP X400 Connector** type and click on OK.



5. Configure the X400 properties as follows:

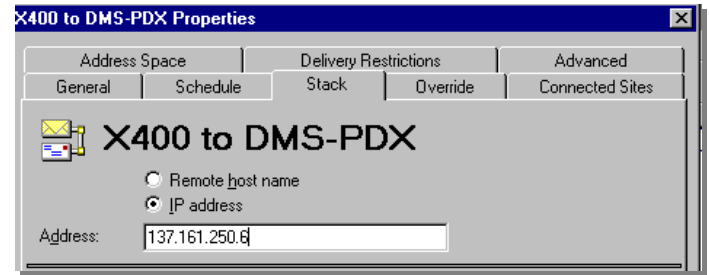
General Tab:

- Display Name: **X400 to DMS-PDX-M1**
- Directory Name: **X400 to DMS-PDX-M1**
- Remote MTA: **dms-lcc-pdx-m1**



Stack Tab:

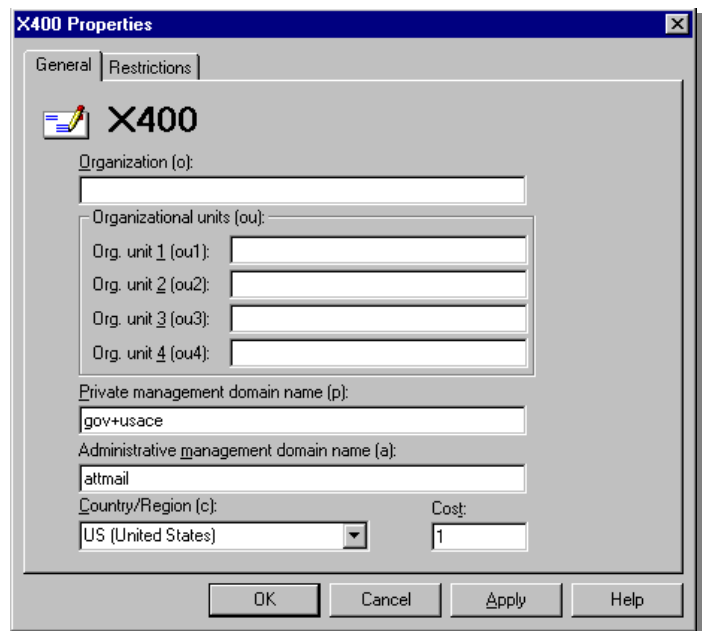
- Select "IP Address" radio button
- Address:
137.161.250.6



Address Space Tab:

- Select the "New..." button
- Select the X400 address type and click on OK
- The X400 properties settings under the General Tab are:

- ☐ **P=gov+usace**
- ☐ **A=attmail**
- ☐ **C=US**
- ☐ **Cost=1**
- ☐ **All other value fields are null (nothing)**
- If you have not installed an Internet Mail Service (IMS) Connector then add a New SMTP Address Space with the following values:
- ☐ **E-Mail Domain= ***
- ☐ **Cost=1**

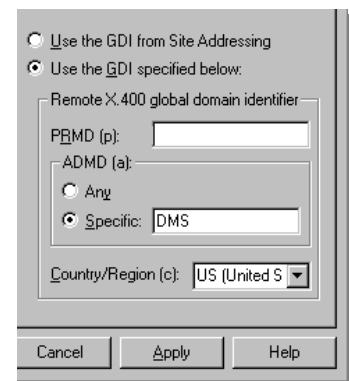


Schedule Tab:

- Confirm the "Always" radio button has been selected.

Advanced Tab:

- Select "Use the GDI specified below:" radio button
- The values to add in the "Remote X.400 global domain identifier" block are as follows:
- ☐ PRMD (p) = "Null (nothing)"
- ☐ ADMD (a) = **DMS** (Select **Specific** button)
- ☐ Country/Region (c) = **US**

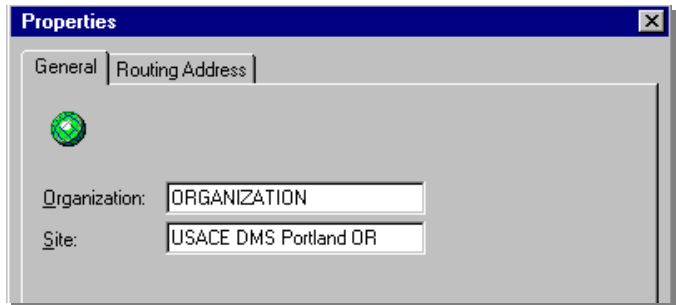


Connected Sites Tab:

- Select the "New" button

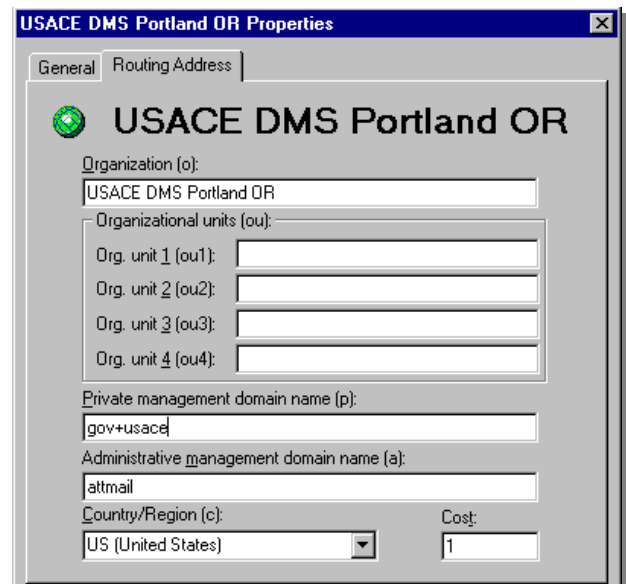
General Tab:

- The values to add in the General Tab are as follows:
- ❑ Organization:
ORGANIZATION
- ❑ Site:
USACE DMS Portland OR



Routing Address Tab:

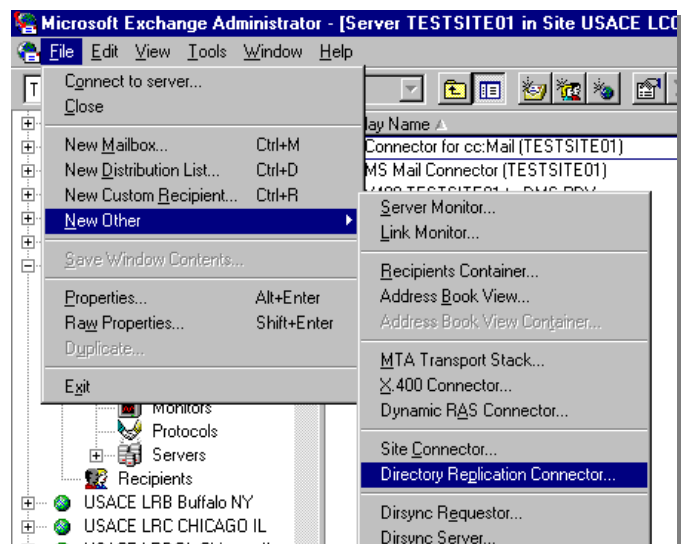
- ❑ Organization:
USACE DMS Portland OR
- ❑ Private management domain name (p):
gov+usace
- ❑ Administrative management domain name (a):
attmail
- ❑ Country (c):
US
- ❑ Cost :
1



3.2 Installing the Directory Replication Connector

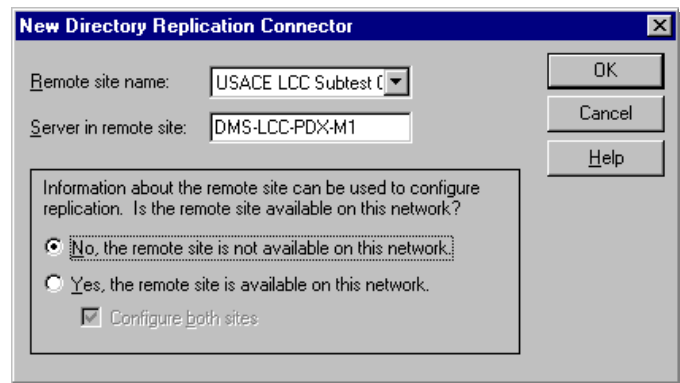
1. Expand your **Site | Configuration | Directory Replication** container.
2. Create a new connector by going to

**File | New Other |
Directory Replication
Connector...**



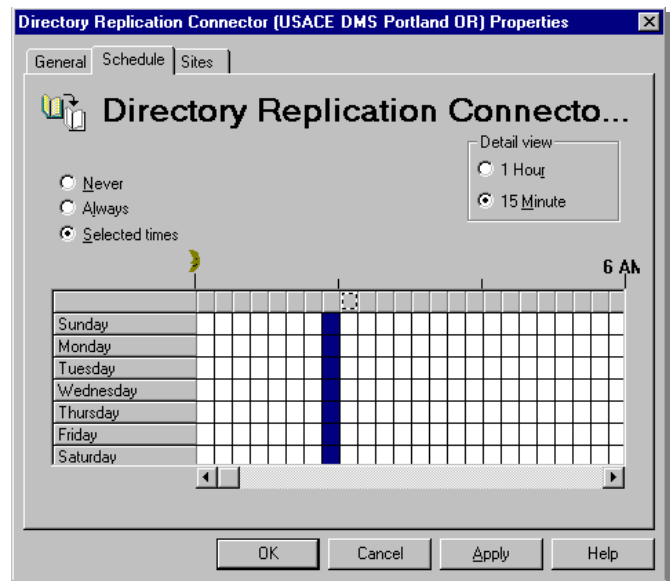
- Value settings for the “**New Directory Replication Connector**” are to be as follows:

- ❑ Select the radio button associated with “**No, the remote site is not available on this network**”.
- ❑ Remote site name:
USACE DMS Portland OR
- ❑ Server in remote site:
DMS-LCC-PDX-M1



4. Schedule Tab Settings:

- ❑ Detail view:
Select 15 Minute
 - ❑ Selected Times:
Selected times
 - ❑ Clear all default scheduled times and re-set to replicate at **2 am** local time.
- Run the **DS Check Knowledge Consistency (KCC)** utility (SEE Section 1.3 for instructions) and refresh your screen

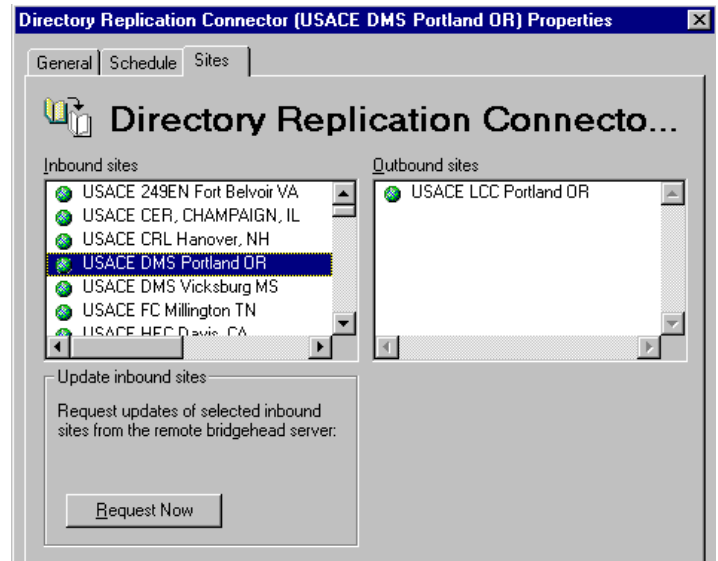


Note: The USACE DMS Portland OR Site name and its associated configuration folders should now appear on your Exchange Administrator window.

3.3 Initiating the Inter-Site Directory Replication Process

- Expand your **Site | Configuration | Directory Replication** container.
- Select and do properties of **Directory Replication Connector (USACE DMS Portland OR)**
- Click on the **Site Tab** and select the following :

- ❑ Inbound sites:
Highlight USACE DMS Portland OR
- ❑ Select the **“Request Now”** button
- ❑ Select the **“Update only new and modified items”** radio button and click on **OK**.



Note:

While waiting for MCX servers to finish its intra-site/inter-site Directory Replication. We recommend that you run an OFF-Line maintenance on your DIR.EDB file (Directory database). (Integrity check, Consistence check and defragmentation) to ensure the database is nice and clean. In addition, stop and restart all the MS Exchange services after maintenance.